

Converting Colors

YUV(151.5020, -41.1665,
90.7677)

Have a look what the booklet for
YUV(151.5020, -41.1665, 90.7677)
contains.

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Color

**YUV(151.5020, -41.1665,
90.7677)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7344
RGB	255, 115, 68
RGB Percent	100%, 45%, 27%
CMY	0.0000, 0.5490, 0.7333
CMYK	0.00, 0.55, 0.73, 0.00
HSL	15°, 100%, 63%
HSV	15°, 73%, 100%
XYZ	48.4141, 33.9388, 9.4680
YIQ	151.5020, 98.5270, 15.0630

Conversions

Conversions Part 2

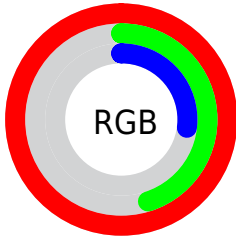
Format	Color
R_{YB}	255, 131, 68
Decimal	16741188
CIE _{Lab}	64.91, 50.55, 50.90
CIE _{LCh}	65, 71.735, 45.200
Yxy	33.9388, 0.5273, 0.3696
Android (android.graphics.Color)	4294931268 (0xFFFF7344)
YUV	151.5020, -41.1665, 90.7677
Hunter-Lab	58.2570, 46.3914, 31.1441

Details

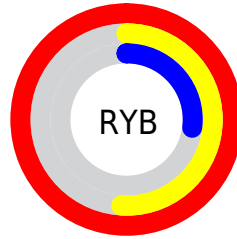
The YUV color **151.5020, -41.1665, 90.7677** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **171.4980, 41.1665, -90.7677**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.4870, -35.2431, 57.4549**, and **94.9680, -37.9452, 84.2201** is the 20% darker color. If you saturate the color by 10%, you get **137.3850, -47.0248, 103.1484**, and if you desaturate by 10%, it is **165.5050, -35.7450, 78.4871**.

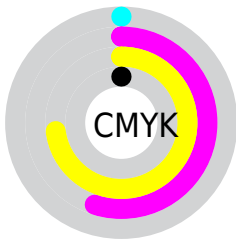
Distribution



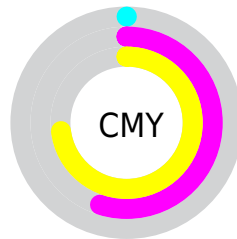
- Red (100%)
- Green (45%)
- Blue (27%)



- Red (100%)
- Yellow (51%)
- Blue (27%)



- Cyan (0%)
- Magenta (55%)
- Yellow (73%)
- Black (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.5020, -41.1665, 90.7677 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 151.5020, -41.1665, 90.7677 by changing the saturation by 10% instead.

151.5020,
-41.1665, 90.7677

151.5020,
-41.1665, 90.7677

255.0000, 0.0000,
0.0000

123.3490,
-39.1191, 87.3939

189.4870,
-35.2431, 57.4549

94.9680, -37.9452,
84.2201

209.0010,
-31.5525, 40.3411

66.0370, -32.5562,
82.4056

229.1020,
-28.1513, 22.7125

38.5710, -19.0155,
79.3062

248.6160,
-24.4607, 5.5988

29.6010, -14.5933,
60.8629

251.9220,
-11.7935, 2.6994

20.6310, -10.1711,
42.4196

12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,
0.0000

■ 151.5020,
-41.1665, 90.7677

■ 151.5020,
-41.1665, 90.7677

■ 137.3850,
-47.0248, 103.1484

■ 165.5050,
-35.7450, 78.4871

■ 123.3820,
-52.4463, 115.4290

■ 179.6220,
-29.8866, 66.1065

■ 113.8130,
-56.1098, 123.8210

■ 193.7390,
-24.0283, 53.7259

■ 207.7420,
-18.6068, 41.4453

■ 221.7450,
-13.1853, 29.1646

236.4490, -7.6164,
16.2692

250.4520, -2.1948,
3.9886

255.0000, 0.0000,
0.0000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



145.4280, -8.5920, 96.0946



151.5020, -41.1665, 90.7677



148.4970, -70.7440, 57.4461

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



151.5020, -41.1665, 90.7677



122.5030, -0.2480, -107.4351



143.9860, 54.7299, -54.3617

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



151.5020, -41.1665, 90.7677



171.4980, 41.1665, -90.7677

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



131.2080, 61.0295, -115.0694



151.5020, -41.1665, 90.7677



131.3150, 28.4387, -115.1633

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



151.5020, -41.1665, 90.7677



135.4310, -37.6805, -47.7360



136.2800, 55.0780, -119.5176



161.8600, 42.9600, 34.3258

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



151.5020, -41.1665, 90.7677



145.9680, -71.9622, 28.0921



136.2800, 55.0780, -119.5176



124.1640, 64.5021, -108.8918

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



151.5020, -41.1665, 90.7677



223.9620, -12.3063, 27.2203



139.8730, 33.5866, 100.9664



109.4490, -7.6164, 16.2692



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



151.5020, -41.1665, 90.7677



130.8480, -49.2251, 108.8813



206.0930, -68.0798, 42.8914



120.6480, -2.7845, 6.4477



85.2850, -42.0455, 92.7121



28.5280, -14.0643, 31.1089

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



171.4980, 41.1665, -90.7677



155.1520, 49.2251, -108.8813



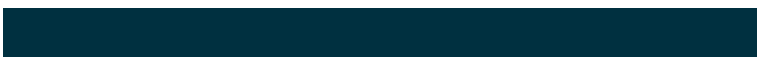
116.9070, 68.0798, -42.8914



121.7650, 3.0739, -5.9329



105.7150, 42.0455, -92.7121



35.4720, 14.0643, -31.1089

Previews

White Background



This preview shows how the YUV color 151.5020, -41.1665, 90.7677 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 151.5020, -41.1665, 90.7677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 151.5020, -41.1665, 90.7677

Background



This preview shows how black text looks on a background with the YUV color 151.5020, -41.1665, 90.7677.



This preview shows how white text looks on a background with the YUV color 151.5020, -41.1665, 90.7677.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

151.5020, -41.1665, 90.7677

Protanopia

154.0060, -35.9920, 17.5347

Deuteranopia

153.6790, -46.6767, 37.9925



Tritanopia

154.8540, -18.1690, 87.8280

Trichromacy



Original Color

151.5020, -41.1665, 90.7677

Protanomaly

152.7150, -37.8205, 44.0999

Deuteranomaly

152.6690, -44.6998, 57.2953

Tritanomaly

153.3890, -26.3208, 89.1128

Monochromacy



Original Color

151.5020, -41.1665, 90.7677

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.8980, -15.2327, 32.5385

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.5020, -41.1665, 90.7677 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 115, 68)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 68)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 115, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 68) }
```

Border

The CSS property to change the border of an element to YUV 151.5020, -41.1665, 90.7677 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 115, 68) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 115, 68) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 115, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 68);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 151.5020, -41.1665, 90.7677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 68) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
115, 68) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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